

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office

MAY 14 1965

Returned to applicant for correction

Corrected application filed

Map filed

OCT 24 1962

under 20782

The applicant

NEVADA POWER COMPANY

of Las Vegas

County of

Clark

State of Nevada

hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Date of incorporation

Feb. 7, 1929 in the State of Nevada

1. The source of the proposed appropriation is Underground Meadow Valley Wash
Name of stream, lake or other source.

2. The amount of water applied for is 3.5 (1570 GPM) second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet None acre-feet

3. The water to be used for Industrial (Cooling)
Irrigation, power, mining, manufacturing, domestic, or other use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated)

(b) Stockwater (state number and kinds of animals to be watered)

(c) Other use (describe fully under "No. 11. Remarks")

(d) Power:

(1) Horsepower developed (110,000 kilowatts) 147,453 horsepower

(2) Point of return of water to stream

35

5. The water is to be diverted from its source at the following point: NE $\frac{1}{4}$, SW $\frac{1}{4}$, Sec/T. 14S., R. 66E.,

MDB&M at a point from which the South One Quarter Section Corner of

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,

said Section 35 bears South 38°15'50" East a distance of 1,808.5 feet.

it should be stated.

6. Place of use The NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ and the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 35, T. 14 S.,

Describe by legal subdivision, if on unsurveyed land it should be so stated.

R. 66 E., M.D.B. & M.

7. Use will begin about January 1 and end about December 31, of each year.
Month Month

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and

specifications of your diversion or storage works.) The well will be cased at 16" to approximately 220 feet. It will be perforated from 100 to 200 feet. It is planned to set the pump at 100 feet. The proposed pumping

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

plant shall consist of a two stage pump utilizing 12" bowls and 10" column driven by a 50 HP electric motor which shall include the necessary control panel.

\$11,000.00 for cost of well and pumping plant.

9. Estimated cost of works. Cost of 330,000 kilowattplant, \$50 million dollars

10. Estimated time required to construct works. 90 days for pumping plant only.

11. Remarks. This well shall be known as well # 2. The amount of water applied for has been based on the estimated output of one 110,000 kw steam electric generating unit. The figure is conservative, however it is not possible prior to actual operation to establish the exact requirement. The actual water use is for makeup to the cooling tower. We expect to develop this well to serve as a standby well to distribute water use over the well field. This procedure should tend to minimize degradation of quality.

Applicant. NEVADA POWER COMPANY

s/ James H. Zornes
James H. Zornes, Executive Engineer
Power Plants

By s/ Elmer Johnson
Elmer Johnson
President

Compared ns/hs ns/hs

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions: This permit is issued subject to all existing rights on the source and is limited to what the well will produce but not to exceed 3.5 c.f.s. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to other ground water development in the area. A substantial weir or other type of measuring device must be installed and measurements of water use kept. The well shall be equipped with a 2-inch opening and an air line for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 3.5 cubic feet per second.

Actual construction work shall begin on or before April 13, 1966

Proof of commencement of work shall be filed before May 13, 1966

Work must be prosecuted with reasonable diligence and be completed on or before April 13, 1967

Proof of completion of work shall be filed before May 13, 1967

Application of water to beneficial use shall be made on or before April 13, 1969

Proof of the application of water to beneficial use shall be filed on or before May 13, 1969

Map in support of proof of beneficial use shall be filed on or before

Commencement of work filed APR 8 1966

Completion of work filed WITNESS MY HAND AND SEAL this 13th day

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued SEP 8 1976

Recorded BY County Recorder

218 (Re)

STATE ENGINEER

of October 1965

Assistant State Engineer.

John D. Westergaard

STATE ENGINEER